09-14-06



Docket No.: 64353(70904)

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Kenji Nakanishi et al.

Application No.: 10/554,301

Confirmation No.: @@@

Filed: October 24, 2005 Art Unit: N/A

For: INHIBITOR SCREENING METHOD AND

ATOPIC DERMATITIS-LIKE SYMPTOM INDUCING METHOD WHICH UTILIZES INDUCTION OF PRODUCTION OF INTERLEUKIN 18 BY KERATINOCYTE

AND UTILIZATION OF SAME

**Examiner: Not Yet Assigned** 

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

Applicant(s) have become aware of the following documents, cited in a European Search Report issued <u>June 12, 2006</u>, during the prosecution of Application No. EP 04 72 8686, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report and of each document required under 37 CFR 1.98(a)(2) cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no

other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64353(70904). A duplicate copy of this paper is enclosed.

Dated: September 12, 2006

Respectfully submitted

Jonathan M. Sparks, Ph.D. Registration No.: 53,624

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PTO/SB/92 (09-04)
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Application No. (if known): 10/554,301

on

Attorney Docket No.: 64353(70904)

## Certificate of Mailing under 37 CFR 1.8

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Supplemental Information Disclosure Statement (2 pages) IDS (Citation) by Applicant (4 References) (1 page)

PTO/SB/08a/b (07-06)

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Complete if Known Substitute for form 1449A/B/PTO Application Number 10/554,301 INFORMATION DISCLOSURE Filing Date October 24, 2005 STATEMENT BY APPLICANT First Named Inventor Kenji Nakanishi Art Unit N/A (Use as many sheets as necessary) Examiner Name Not Yet Assigned 1 64353(70904) Sheet 1 of Attorney Docket Number

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>8</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	DA	Jae Seung Kang et al., "ENHANCED IL-18 PRODUCTION BY UVB IRRADIATION REQUIRED RO! AND AP-1 SIGNALLING IN HUMAN KERATIONCYTE CELL LINE HACAT", FASEB Journal (Federation of American Societies for Experimental Biology), 16(4):A670 (2002) - XP009010545 Abstract		
	DB	Kong Juan et al., "Upregulation of interleukin-18 expression in mouse primary keratinocytes induced to differentiate by calcium", Archives of Dermatological Research, 294(8):370-376 (2002) - XP002378291 Abstract		
	DC	Takanami-Ohnishi Yoko et al., "Essential role of P38 mitogen-activated protein kinase in contact hypersensitivity", Journal of Biological Chemistry, 277(40):37896-37903 (2002) - XP00238292 Abstract		
	DD	Naik Shubhada et al., "Human keratinocytes constitutively express interleukin-18 after treatment with pro-inflammatory mediators and dinitrochlorobenzene", Journal of Investigative Dermatology, 113(5):766-772 (1999) - XP002378294 Abstract		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.